

**POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE
NEW DELHI**

**Date of Reporting: 16-Aug-15
System Reliability Indices Report for: 15-Aug-15**

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	2	0.50	2.08
2	ER-NR	0	0.00	0.00
3	NEW-SR	10	2.50	10.42
4	ER-NER	0	0.00	0.00

Percentage(%) of times (N-1) Criteria was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	0	0.00	0.00
2	ER-NR	0	0.00	0.00
3	NEW-SR	0	0.00	0.00
4	ER-NER	0	0.00	0.00

Remarks: Flows crossing Total Transfer Capability (TTC) on interregional corridors has been worked out as a proxy for (N-1) violation.

Voltage Profile for the day of 15-Aug-2015

Region	Station	%age of time Voltage below 728/380 kV	%age of time Voltage between 728/380 kV & 800/420 kV	%age of time Voltage above 800/420 kV	Voltage deviation index (%age of time voltage is outside IEGC band)	Maximum Voltage (kV)	Minimum Voltage (kV)	Average Voltage (kV)
NR	Agra	0.00%	97.85%	0.83%	0.83%	806	765	788
	Ballia	0.00%	100.00%	0.00%	0.00%	776	743	760
	Bhiwani	0.00%	99.58%	0.42%	0.42%	804	776	790
	Fatehpur	0.00%	100.00%	0.00%	0.00%	784	743	765
WR	Aurangabad	0.00%	100.00%	0.00%	0.00%	794	765	777
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	769	758	764
	Gwalior	0.00%	92.64%	7.36%	7.36%	808	767	791
	Sholapur	0.00%	86.60%	12.99%	12.99%	811	777	794
SR	Raichur	0.00%	90.76%	0.00%	0.00%	800	783	794
	Nellore PS	0.00%	100.00%	0.00%	0.00%	765	765	765
	Somanhalli (400 kV)	0.00%	100.00%	0.00%	0.00%	413	396	403
	Salem (400 kV)	0.00%	100.00%	0.00%	0.00%	415	398	406
ER	Ranchi	0.00%	100.00%	0.00%	0.00%	766	752	762
	Gaya	0.00%	100.00%	0.00%	0.00%	780	749	766
	Sasaram	0.00%	100.00%	0.00%	0.00%	747	747	747
	Binaguri (400 kV)	0.00%	100.00%	0.00%	0.00%	414	404	409
NER	Balipara (400 kV)	0.00%	46.25%	17.64%	17.64%	424	412	419
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	411	400	408
	Misa (400 kV)	0.00%	97.92%	0.14%	0.14%	421	410	417

Remarks: Unless otherwise specified, station may be treated as 765kV S/S.